

Rabbit anti-Human Cytochrome P450 1B1 Polyclonal Antibody | anti-CYP1B1 antibody

Rabbit Anti Cytochrome P450 1B1

CATALOG # AAA50322	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

Cytochrome P450 1B1; Polyclonal Antibody; Rabbit Anti Cytochrome P450 1B1; Cytochrome P450 1B1 antibody; anti-CYP1B1 antibody

PRODUCT SPECIFICATIONS

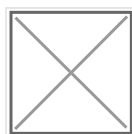
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified IgG was prepared from whole serum by affinity chromatography.
Form/Format	Liquid; Phosphate Buffered Saline
Sequence Length	543
Applicable Applications for anti-CYP1B1 antibody	WB (Western Blot), IF (Immunofluorescence)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human cytochrome P450 1B1.
Preservative Stabilizers	0.02% Sodium Azide 50% Glycerol
Preparation and Storage	Store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



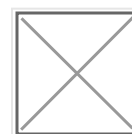
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using Rabbit anti cytochrome P450 1B1 antibody at a 1/100 dilution. DAPI was used as nuclear counterstain (blue)



WB (Western Blot)

Western blot analysis of A549, MCF7 and HL60 cell lysates using Rabbit anti cytochrome P450 1B1 antibody at a 1/1000 dilution. 3% non-fat dry milk in TBST was used for blocking



WB (Western Blot)

Western blot analysis of HT-29 cell lysate and mouse kidney tissue lysate using Rabbit anti cytochrome P450 1B1 antibody at a 1/1000 dilution. 3% non-fat dry milk in TBST was used for blocking

ADDITIONAL INFORMATION

Related Product Information for anti-CYP1B1 antibody	Rabbit anti cytochrome P450 1B1 antibody recognizes cytochrome P450 1B1, also known as CYP1B1. It is a member of the cytochrome P450 superfamily of enzymes. It catalyses the hydroxylation of 17-beta-oestradiol at the C4 position (Jefcoate et al. 2000, Potter et al. 2002). A number of Cytochrome P450 1B1 mutations are associated with primary congenital glaucoma (Rauf et al. 2016).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189491763
NCBI GeneID	1545
NCBI Accession #	NP_000095.2
NCBI GenBank Nucleotide #	NM_000104.3
UniProt Accession #	Q16678
NCBI Official Full Name	cytochrome P450 1B1
NCBI Official Synonym Full Names	cytochrome P450 family 1 subfamily B member 1
NCBI Official Symbol	CYP1B1
NCBI Official Synonym Symbols	CP1B; ASGD6; GLC3A; CYP1B1; P4501B1
NCBI Protein Information	cytochrome P450 1B1
UniProt Protein Name	Cytochrome P450 1B1
UniProt Gene Name	CYP1B1
UniProt Entry Name	CP1B1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-1b1-antibody-western-blot-immunofluorescence-elisa/50322>